AMENDMENTS

Please amend the application as indicated hereafter.

In the Specification

Please amend the specification as indicated below. The language being added is

underlined ("___") and the language being deleted contains strikethrough ("—"):

For the paragraph beginning on page 1, line 6:

The invention relates to a method of providing a constant AC voltage to a variable

load which is arranged remote of a voltage source, a voltage drop over an electrical

supply line which connects the load to the voltage source being compensated for by a

compensation AC voltage which, if added to the constant AC voltage, results into in the

output AC voltage of the voltage source, and the value of which is varied depending on

the absolute value of the alternating current conducted to the load.

For the paragraph beginning on page 2, line 26:

In a further method of the type described at the beginning, in addition to the

variation of the value of the compensation AC voltage depending on the total value of the

alternating current conducted to the load, a compensation capacity is connected in series

with the supply line connecting the load to the voltage source to compensate for the

inductive reactance by means of a capacitive reactance to such an extend extent that the

voltage drop over the electrical supply line is now only determined by its ohmic

resistance which is only depending on the total value of the alternating current conducted

to the load. The phase angle between the output AC voltage of the voltage source and the

alternating current conducted to the load, however, depends on the inductivity of the

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